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* Admitted only in Maryland
* Admitted only in Virginia
* Practice Limited to
Federal Agencies

January 14, 2005

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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Art Unit 1647

Re: U.S. Utility Patent Application
Application No. 10/067,800; Filed: February 8, 2002
For: **Human G-Protein Chemokine Receptor (CCR5) HDGMR10**
Inventors: Roschke *et al.*
Our Ref: 1488.115000I/EKS/HCC

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449 citing 13 documents;
3. A copy of each of the 13 cited documents;
4. One return postcard.

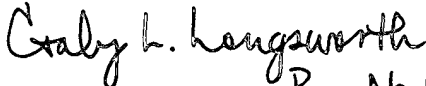
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
January 14, 2005
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

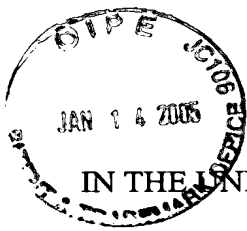
Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

for  *Reg. No. 47,756*
Helene C. Carlson
Agent for Applicants
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EKS/HCC/eaf
Enclosures

355023v1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Roschke *et al.*

Appl. No.: 10/067,800

Filed: February 8, 2002

For: **Human G-Protein Chemokine
Receptor (CCR5) HDGNR10**

Confirmation No.: 8493

Art Unit: 1647

Examiner: Turner, Sharon L.

Atty. Docket: 1488.115000I/EKS/HCC

Fifth Supplemental Information Disclosure Statement

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450
Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. A copy of each document is provided.

The numbering on this Fifth Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Fourth Supplemental Information Disclosure Statement filed August 25, 2004, in connection with the above-captioned application.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached Form PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

Roschke *et al.*
Appl. No. 10/067,800

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date but before the mailing date of a first Office Action on the merits.

It is respectfully requested that the Examiner initial and return a copy of the enclosed Form PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

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Registration No. 47,473

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Washington, D.C. 20005-3934
(202) 371-2600
354993_1.DOC

FORM PTO-1449

**FIFTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**

ATTY. DOCKET NO.
1488.1150001/EKS/HCC

APPLICATION NO.
10/067,800

APPLICANT(S)
Roschke *et al.*

FILING DATE
February 8, 2002

ART UNIT
1647

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>36</u>	Olson, W.C., <i>et al.</i> , "Differential Inhibition of Human Immunodeficiency Virus Type 1 Fusion, gp120 Binding, and CC-Chemokine Activity by Monoclonal Antibodies to CCR5," <i>J. Virol.</i> 73:4145-4155, American Society for Microbiology (May 1999)
	AS	<u>36</u>	Osborn, J.K., <i>et al.</i> , "Directed selection of MIP-1 α neutralizing CCR5 antibodies from a phage display human antibody library," <i>Nat. Biotechnol.</i> 16:778-781, Nature Pub. Co (August 1998)
	AT	<u>36</u>	Supplementary Partial European Search Report for European Patent Application No. EP 02 71 8923, completed November 29, 2004

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

JAN 9 2005

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>37</u>	Database UniProt, Accession No. AAW90287, Berchtold, P., and Escher, R.F.A., September 7, 1999
	AS	<u>37</u>	Database UniProt, Accession No. AX355922, Devaux, B., <i>et al.</i> , February 6, 2002
	AT	<u>37</u>	Database UniProt, Accession No. P18135, Kipps, T.J., <i>et al.</i> , November 1, 1990

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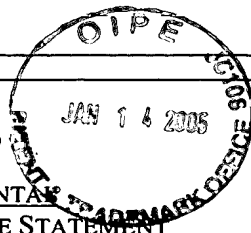
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>38</u>	Database UniProt, Accession No. AAR38672, Marasco, W.A., <i>et al.</i> , November 1, 1993
	AS	<u>38</u>	Database EMBL, Accession No. Z75404, Tonnelle, C., <i>et al.</i> , April 30, 1997
	AT	<u>38</u>	Database EMBL, Accession No. Z14196, Cuisinier, A.M., <i>et al.</i> , January 20, 1993

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>39</u>	Database EMBL, Accession No. Z27170, Bensimon, C., <i>et al.</i> , November 12, 1993
	AS	<u>39</u>	Database EMBL, Accession No. S66101, Bhat, N.M., <i>et al.</i> , December 6, 1993
	AT	<u>39</u>	Database EMBL, Accession No. AJ388647, Capello, D., <i>et al.</i> , July 22, 1999

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	40	Database EMBL, Accession No. Z46310, Chapman, C.J., <i>et al.</i> , December 12, 1994
	AS		
	AT		

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